

**REMARKS**

This Reply is responsive to a current and Non-final Office Action having a Restriction/Election Requirement that was dated 04/20/2007.

Generally, the current Office Action subjected claims 1-96 to a restriction requirement that identified thirteen (13) Groups I. - XIII. Specifically, the current Office Action restricted the claims as follows:

Group I: claims 1-18;

Group II: claims 19-25;

Group III: claims 26-31;

Group IV: claims 32-49;

Group V: claims 50-55;

Group VI: claims 56-63;

Group VII: claims 64-66;

Group VIII: claims 67-69;

Group IX: claims 70-72;

Group X: claims 73-77;

Group XI: claims 78-86;

Group XII: claims 87-93; and

Group XIII: claims 94-96.

1 Applicants do not necessarily agree with the Office's characterization of the  
2 claims as to groups, claimed subject matters, the accuracy of the asserted  
3 subcombinations (usable together in a single combination) relationships, the Office's  
4 reasoning for the restriction, and so forth. Nevertheless, Applicants hereby make an  
5 election in order to facilitate prosecution of the instant Patent Application and to  
6 expedite its ultimate allowance as U.S. Patent.

7  
8 Applicants hereby elect, with traverse, to prosecute the claims of Group IV  
9 (claims 32-49) in the instant Patent Application.

10  
11 However, Applicants also respectfully request that the claims of Group I  
12 (claims 1-18) also remain and be examined in the instant Patent Application. This  
13 presents 36 total claims with two independent claims: 1 and 32.

1 Claim 1 reads:

2 1. (original) One or more processor-accessible media comprising  
3 processor-executable instructions that, when executed, direct a device to perform  
4 actions comprising:

5 comparing an accuracy indicator to at least one threshold, the accuracy  
6 indicator corresponding to a reference macroblock selected for a target  
7 macroblock;

8 ascertaining a refinement case from a plurality of refinement cases based  
9 on the comparing, each refinement case of the plurality of refinement cases  
10 defining a plurality of test points in relation to the reference macroblock; and

11 analyzing the ascertained refinement case with regard to the target  
12 macroblock.

13 Claim 32 reads:

14 32. A device comprising:

15 a candidate selector that is capable of accepting a current macroblock,  
16 the candidate selector adapted to select a motion vector candidate from a set of  
17 motion vector candidates with regard to the current macroblock using an  
18 accuracy indicator corresponding to the selected motion vector candidate;

19 a refinement case ascertainment that is capable of accepting the selected  
20 motion vector candidate and the accuracy indicator corresponding thereto, the  
21 refinement case ascertainment adapted to ascertain a refinement case from among a  
22 plurality of refinement cases based on a first threshold and a second threshold  
23 and responsive to the accuracy indicator; and

24 a refinement case analyzer that is capable of accepting the ascertained  
25 refinement case, the refinement case analyzer adapted to analyze a collection of  
points defined by the ascertained refinement case with regard to the current  
macroblock to potentially refine the selected motion vector candidate.

1 It is therefore respectfully requested that there is no burden on the Office to  
2 examine claims 1-18 with claims 32-49.

3  
4 Consequently, claims 19-31 and 50-96 have been canceled. Hence, claims 1-  
5 18 and 32-49 continue to be pending and presented for examination.

6  
7 Applicants respectfully reserve the right to pursue the subject-matter(s) of the  
8 canceled claims in one or more Divisional Patent Applications.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25

3  
4  
5

1

8

5

6

9

1

10

11